

19990330.qrp v01_n411.qrl.990330

Date: Tue, 30 Mar 1999 19:03:11 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1411

QRP-L Digest 1411

Topics covered in this issue include:

- 1) [36854] Norcal Paddle Kit Obtained - tn timer
by sda <sda@bellsouth.net>
- 2) [36855] Atlanticon Building Contest Notes
by Chuck Adams <adams@ticnet.com>
- 3) [36856] Drake TR-22 QRP Mod
by Richard Arland <k7sz@epix.net>
- 4) [36857] Need Kenwood TR-7930 & Alnico DR-130 Manuals
by "Bob Helms" <af5z@inetport.com>
- 5) [36858] QRP-L Summary Sheet
by Chuck Adams <adams@ticnet.com>
- 6) [36859] Core Banks Expedition
by Bob Kellogg <ae4ic@nr.infi.net>
- 7) [36860] Re: Elecraft Help Wanted: Customer Support Technician.
by k5zty@juno.com
- 8) [36861] WTB: Xtals for QRP VHF Rig
by Richard Arland <k7sz@epix.net>
- 9) [36862] Curtis IC
by "Chuckee" <cdhamel@pdq.net>
- 10) [36863] Trade??
by "Chuckee" <cdhamel@pdq.net>
- 11) [36864] QRP DVM
by pmk@juno.com
- 12) [36865] NC/20 progress held up.
by pmk@juno.com
- 13) [36866] QRPp
by "KC5DXQ" <cdhamel@pdq.net>
- 14) [36867] Re: 10 Meters in great shape this weekend
by Adrian Weiss <aweiss@usd.edu>
- 15) [36868] NC-20 AGC mod tip
by Gary L Surrency <gsurrency@juno.com>
- 16) [36869] Re: 10 Meters in great shape this weekend
by Ron Stark <ku7y@dri.edu>
- 17) [36870] AW: Core Banks Expedition
by "Peter Zenker" <Peter_DL2FI@csi.com>
- 18) [36871] Re: 10 Meters in great shape this weekend
by Richard Arland <k7sz@epix.net>
- 19) [36872] Re: question answered regarding advanced info

- by Scott Howell <showell@hq.nasa.gov>
- 20) [36873] Re: QRPp
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 21) [36874] Re: QRPp 000Ps
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 22) [36875] Greetings from the Sub Tropics...
by Bruce T Hopkins <KL7H_C6A@compuserve.com>
- 23) [36876] Re: Dirth of 6 meter kits
by Zack Lau <zlau@arrl.org>
- 24) [36877] NC20 AGC mod spells relief!
by "Jeff Logullo - SE Sun St. Louis" <Jeff.Logullo@Central.Sun.COM>
- 25) [36878] Re: NC/20 progress held up.
by "Ronald Hands" <rhands@hwcen.org>
- 26) [36879] TenTec KR-50 Keyer FS
by "Ken Simpson" <W8EK@usa.net>
- 27) [36880] Atlanticon
by Ted Beach <tedbeach@yahoo.com>
- 28) [36881] Re: Metrication for Dummies
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 29) [36882] Re: NC-20 AGC mod tip
by Danh Le <dle@san-jose.tt.slb.com>
- 30) [36883] Re: Metrication for Dummies
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
- 31) [36884] Possible group buy?
by Ken Knecht <kenk@primenet.com>
- 32) [36885] ResNorCalistor Kits Sold Out!!
by Ken Knecht <kenk@primenet.com>
- 33) [36886] Re: ResNorCalistor Kits Sold Out!!
by "Bryan Turner" <turnerw@email.uah.edu>
- 34) [36887] Atlanticon / Timonium HF
by Charles Kadesch <chas@digizen.net>
- 35) [36888] Toroid Assortments
by wgabriel@dukeengineering.com
- 36) [36889] Re: Possible group buy?
by "Radman" <radman@best.com>
- 37) [36890] Toroid Assortments
by "Bryan Turner" <turnerw@email.uah.edu>
- 38) [36891] homebrew: RG-174 ? ...or not?
by Jim Glover <psykey@okcforum.org>
- 39) [36892] Re: homebrew: RG-174 ? ...or not?
by "Radman" <radman@best.com>
- 40) [36893] Re: Possible group buy?
by Michael Neverdosky <MichaelN@cycat.com>
- 41) [36894] Knob for odd fitting
by Jim Glover <psykey@okcforum.org>
- 42) [36895] Re: Possible group buy?
by Ron Stark <ku7y@dri.edu>
- 43) [36896] Re: NorCal Resistor Kits Sold Out!!

- by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 44) [36897] FS: Norcal paddle kit SOLD
by SKIPNC90@aol.com
- 45) [36898] Re: Toroid Assortments
by "Harry T. Hurst" <hhurst@delaware.infi.net>
- 46) [36899] Trade for Silver Mica capacitors?
by Allan G Taylor <k7gt@arrl.net>
- 47) [36900] QRP forum
by Scott Gregson - KC7MAS <emtech@steadynet.com>
- 48) [36901] Re: Toroid Assortments
by John Levreault <jlevro@mediaone.net>
- 49) [36902] Re: Metrication for Dummies
by Steve <smann@advi.net>
- 50) [36903] 10m Foxhunt....
by "KA5T Larry Wise" <lewise@inetport.com>
- 51) [36904] Re: Unknown Paddles
by "D. Hammond" <wdp@kconline.com>
- 52) [36905] Re: Unknown Paddles
by "D. Hammond" <wdp@kconline.com>
- 53) [36906] Re: Curtis IC
by hw.merz@t-online.de (Hanns W. Merz)
- 54) [36907] North Georgia QRP Meeting set for April 3rd 11AM-2PM at TechAmerica in Metro Atlanta, GA
by Sam Billingsley <SBillingsley@usaninc.com>
- 55) [36908] Re: Possible group buy?
by Bob Hightower <ki7mn@extremezone.com>
- 56) [36909] hp48G/GX resistor program
by Michael Maiorana <mikemo@ibm.net>

Date: Mon, 29 Mar 1999 17:58:06 -0600
From: sda <sda@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [36854] Norcal Paddle Kit Obtained - tnX
Message-ID: <199903300057.TAA09869@mail2.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks. Got one!
woop!

Todd Atkins, K4MSW
Baton Rouge, Louisiana

<http://www.qsl.net/k4msw>

Date: Mon, 29 Mar 99 19:15:19 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [36855] Atlanticon Building Contest Notes
Message-ID: <E10RmJk-0001J8-00@smtp.ticnet.com>

Gang,

I had to do this separately to do it justice to the participants.
Let us all hope that I can do this without making too much of a
mess of it.....

There were two catagories in the building contest.
The first being the kit category whereby the entry
was a kit that had been built by the entrant with
or without mods, etc.

The second category was homebrew although
we did allow a kit to be entered but additional
work was done and only that work judged for
the scoring. This would be something like a
transceiver or spectrum analyzer kit but the
entrant wanted their work and craftsmanship
judged on packaging, mods, etc.

In the kit catagory there were 10 entries including
some SW40+'s, SST's, Fireball kits, etc. The
winner in this catagory was Jim Giammanco, N5IB,
from Baton Rouge, LA. His kit was brought to
Atlanticon by a friend and I'm sorry that I didn't
write that info down. Friends are important.

What Jim had done was take a Hearing Aid 5 and
put it on 30 meters, but his packaging was great.
And a mod that used a magnetic reed switch to
enable the additional capacitance into the tuned
circuit to allow the receiver to tune in WWV at
10MHz to check time and solar conditions at
20 minutes past the hour. Also to help check
out band conditions 'cuz if you can't hear WWV
then you probably won't hear anything but that
is not always the case. Been there done that.
There is a picture on a web site I found today
on www.qsl.net but I don't have the URL and will
post it later.

In the HB category there a dozen entries including a spectrum analyzer, antenna matching systems, 49er, Sierra case that appeared in QQ a couple of issues back, a completely homebrewed Sierra transceiver from the ARRL HB, and other goodies. There were two winners in the category.

The first winner was Jim Cotton, N8QOH, from Kalamazoo, MI. He had the complete W7ZOI spectrum analyzer with some mods to sweep tracking and some other additions that I didn't make a note of either physically or mentally. When Jim was explaining what he had done he went fast and didn't slow down at all. You gotta talk slow to a Texan..... He obviously had several hundred hours invested and more work lined up from what I saw. Good job Jim.

The second winner in the HB contest was Preston Douglas, WJ2V, from Lawrence, NY. Preston is a regular contributor to QRP-L and to the QRP community. It would take hours to list his accomplishments. He built the first Jim Kortge, K8IQY, 2N2222A 40 meter transceivers other than the one(s) that Jim did. For those who may not know or just arrived on the scenes this is the transceiver project that is to be featured in the next issue of QRPP and to become the Elmer300 series project starting in the fall timeframe I believe. Jim K. will be busy this summer with bicycling and most of the group will be doing outdoorsy type of things anyway.

This is also the project dubbed the Manhattan Project due to the first view of Jim Kortge's work with the pads and linear layout it looks like a city with buildings aligned along streets. Preston chose to build his along the same lines. Interesting that someone who really works in Manhattan would use this type of construction technique. :-)

Preston did his work only from the schematics of the rig and before work done by Paul Harden, NA5N, for the issue of QRPP. It is my understanding that Preston also submitted a writeup to be included in the QRPP to show his outstanding work and his contribution as someone who built the rig with a different

layout. So I am looking forward to seeing the final writeup myself. Outstanding work Preston and pictures will be on the NJQRP site I'm sure later on when the gang rests up after the weeks without sleep or rest. This project too also involved over 100 hours of hard work. It was this work that found problems before they made it into print for the QRPP issue.

Congratulations to the winners of the prizes and to the entrants. I can not emphasize enough just how close the scores came out and how the builders are really turning out great work. All the judges were impressed.

On a side note for the Elmer300 project. I have been working with several suppliers to come up with a complete kit of parts to save a lot of people isolated from metro areas to get access to one readily available supply and not have to pay a lot of postage from several different places. I'll announce when things come together and they get a set price for the parts.

I asked the crowd at large just how many were going to pursue the Elmer300 project and I saw almost 20% of the crowd raise their hands. I was very surprised by the response. I thought that maybe less than 20 to 50 people total would do it, but now I think we are talking numbers in the 400+ range. Time will tell and it will be the homebrew project to wind down the century and the millennium to see how many can be completed by December 31, 2000.

As I explained to the attendees there were over 1,000 postings for the Elmer100 series, so this project will be much more intensive but it will go on for a long time. Everyone that choses to do it will learn a great deal and I couldn't even begin to make a list of the areas open to learn. It will be a lengthy list at the end of the project. I hope a lot of people are getting excited at the idea of this kind of project. I feel that there will be a lot of web sites and meetings to show work in progress on this one.

And a mod book? How about a group of people to work on the mods and we'll call them the "Mod Squad". :-) The name from a TV series that few remember or were alive for and now there is the movie. :-)

So get the soldering irons warmed up....

Again, no words can express the appreciation to the NJQRP Club for an outstanding job well done and the builders too.

dit dit

P.S. Any errors in this posting are totally the responsibility of one Chuck Adams, K5FO, and I apologize in advance for same. Thanks for the bandwidth. No virus attached to this posting.

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Mon, 29 Mar 1999 20:54:49 -0500
From: Richard Arland <k7sz@epix.net>
To: qrp-l@lehigh.edu
Subject: [36856] Drake TR-22 QRP Mod
Message-ID: <37002EE9.2051C4D9@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Many, many moons ago....around 1972/74, 73 Magazine ran an article about boosting the 1 watt output of a Drake TR-22 up to about 2 or 2.5 watts. Does anyone have a copy of this article? Will gladly pay repo and mailing costs.

73 Rich K7SZ

Date: Mon, 29 Mar 1999 20:15:36 -0600
From: "Bob Helms" <af5z@inetport.com>
To: "QRP-L Reflector" <qrp-l@lehigh.edu>
Subject: [36857] Need Kenwood TR-7930 & Alnico DR-130 Manuals
Message-ID: <199903300214.UAA01734@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've obtained a couple of inoperative 2 meter FM mobile radios without operator or service manuals. I've searched for EMAIL reflectors for these brands but didn't find any.

If you have an original or copy of either the operator or service manual for either of these radios, please EMAIL me direct.

Kenwood TR-7930 Two-Meter FM Mobile (30 watts output?)

Alnico DR-130 Two-Meter FM Mobile

I'll gladly pay copying costs and postage in advance of you shipping the document(s).

72,
Bob Helms, AF5Z
af5z@inetport.com

Date: Mon, 29 Mar 99 21:20:42 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-l@lehigh.edu>
Subject: [36858] QRP-L Summary Sheet
Message-ID: <E10RoHA-00029w-00@smtp.ticnet.com>

OK Gang,

Here is a short summary of some useful commands. Print this out and save it. Save this to disk and periodically browse and see if there is something of use. Make into a plastic card to carry around with you.

tnx de K5FO

-----cut here-----

QRP-L COMMAND SUMMARY LIST --- VERSION 1.0 --- Aug 14, 1997

NOTES: your_name is to be replaced by your name, e.g. Ludwig Beethoven
your_call is to be replaced by your call, e.g. K5FJZ or NO_CALL

199X 9XMMDD means year 199X and month MM and day DD, thus
1997 970208 is February 8th, 1997 and the digest for
whole day

In some of the examples below the upper case letters are to avoid

confusion. Not required unless so noted.

Your QRP-L numbers are for life. No need to redo it if you unsub and then come back later, go on vacation, etc. It is a non-contestable part of any divorce proceedings and non-transferable. It will not be reissued as part of a 'vanity-number' program. It cannot be willed to a family or non-family member. Let us know if you get a vanity call.

Some of the files in some of the directories that have a .ps in their name are PostScript files and must be printed or viewed using a PostScript compatible printer or viewer.

The ACK command will start back individual receipt of postings and terminates the DIGEST and POSTPONE commands.

email to @LEHIGH.EDU	command in body or message	results of same
LISTSERV	SUBSCRIBE QRP-L your_name your_call	get on the list
LISTSERV	UNSUBSCRIBE QRP-L	exit the list
LISTSERV	SET QRP-L MAIL DIGEST	rcv digest mode
LISTSERV	SET QRP-L MAIL POSTPONE	stop receiving
LISTSERV	SET QRP-L MAIL ACK	restart qrp-l mail
LISTSERV	RECIPIENTS QRP-L	get list of members and their email adrs
LISTSERV	INDEX QRP-L -ALL	list files online
LISTSERV	GET QRP-L/subdirectory filename	get file from list
LISTSERV	GET QRP-L WELCOME.TXT	get welcome file
LISTSERV	GET QRP-L/ARCHIVES-OLD/199X 9XMMDD	get one day posts
LISTSERV	HELP	get help
LISTSERV	RUN QRP-L X GETNR your_call	get secret number
LISTSERV	GET QRP-L/MISC MEMBER_NUMBERS.TXT	get secret nr list
LISTSERV	RUN QRP-L X QRP_CALL	get calls by area
LISTSERV	RUN QRP-L X FCC_CALL callsign	lookup up call
LISTSERV	RUN QRP-L X CALLS2DIST call1 call2	lookup call2 & dist
QRP-L	Message you want broadcast to group Put none of the above commands in message to the group. Avoid repeating previously posted messages and lengthy	message to qrp-l

| signature files, please.

ADAMS@TICNET.COM message to Chuck, K5FO
LUJCE@LEHIGH.EDU message to Jim, N3VXI

-----+-----+-----

ftp to

FTP.LEHIGH.EDU for ftp site. Note that .Z should be omitted in
GET command for getting files uncompressed. Use
filename without .Z extent.

web site

<http://www.lehigh.edu/lists/archives/qrp-l> To get postings.

If you use the web facilities, please subscribe, then do a
POSTPONE. You will show up on the list and you can post,
otherwise you will only be able to read from the list.

--
Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Mon, 29 Mar 1999 22:03:36 -0800
From: Bob Kellogg <ae4ic@nr.infi.net>
To: klqrp <klqrp@vramp.net>
Cc: QRP-L <qrp-l@Lehigh.EDU>
Subject: [36859] Core Banks Expedition
Message-ID: <37006938.B9DF516D@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

There will be a full report on this later, but it was a great
experience, and we need to recognize the guys who did most of the work!

Many thanks to Paul, AA4XX, Lyn, W4WDN, Don, W3RDF, and John Paul,
AB4PP, for the planning and effort put into making the Core Banks
Expedition a rousing success.

Many thanks also, to Michael, DF20K, Jan-Olaf, DL60B0, and Michael, DF50Q, for their important part in the KnightSMiTe experiment. We also appreciate the early help of Peter, DL2FI, and the efforts of D10AQB, which we, unfortunately, did not hear.

There is a picture at <http://www.pagesz.net/~jwittich> which shows the U.S. group during the attempted KnightSMiTe QSO. The operator is Don, W3RDF. Seated around the table, left to right, are Josh, KF4EAG, Lyn, W4WDN (face barely visible), Don, W3RDF, Paul, AA4XX, John Paul, AB4PP, and Bob, AE4IC. This picture illustrates the tension in the air as we all hunched over the table listening intently for the weak signal from across the ocean. The same intensity and effort was taking place there.

Again, thanks to the U.S. and German teams who made this such a great project!

72/73,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, not Nececelery, - Benny Hill

Date: Mon, 29 Mar 1999 18:58:22 -0600
From: k5zty@juno.com
To: erics@elecraft.com
Cc: qrp-l@lehigh.edu
Subject: [36860] Re: Elecraft Help Wanted: Customer Support Technician.
Message-ID: <19990329.212845.12174.2.k5zty@juno.com>

Lookin' good Eric. When's the I.P.O.?
I hope this means that you guys are about ready to ship some more radios. One of your beta testers brought his K2 to the Houston QRP Club meeting Saturday morning and it really looked good. He will probably be contacting you soon about how to get all of the drool out of it.
Bill, K5ZTY
Houston, TX
k5zty@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 29 Mar 1999 22:55:46 -0500

From: Richard Arland <k7sz@epix.net>
To: qrp-1@lehigh.edu
Subject: [36861] WTB: Xtals for QRP VHF Rig
Message-ID: <37004B42.2FDD0D61@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Desperately need the following crystals for a Drake TR-22/Kenwood
TR-2200A VHF rig:

TX: 146.01 MHZ
146.55 MHZ
146.58 MHZ
147.525 MHZ

RX: 147.525 MHZ

Would also be interested in other sets of xtals, but I do need these
five post haste. Private e-mail, please.

73 Rich K7SZ

Date: Mon, 29 Mar 1999 21:53:30 -0600
From: "Chuckee" <cdhamel@pdq.net>
To: "QRPL Listserver" <qrp-1@Lehigh.EDU>
Subject: [36862] Curtis IC
Message-ID: <003d01be7a60\$e2c28300\$984058d8@charles>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just recently found a Deluxe Mini-Keyer Kit from Tejas Kits, the only
problem is the Curtis Keyer IC does not come with the kit!! If anybody
knows where I can get this part please let me know!!

This will be my first attempt at building a kit!!

Thanks

72

Charles (KC5DXQ)

Date: Mon, 29 Mar 1999 22:11:07 -0600
From: "Chuckee" <cdhamel@pdq.net>
To: <qrp-1@Lehigh.EDU>
Subject: [36863] Trade??
Message-ID: <005f01be7a63\$57b0ad20\$984058d8@charles>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Everybody,

I have 3 items that I would prefer to trade but willing to sell.

- * Heathkit DX-60B 3 band transmitter (needs some work)
- * Heathkit HW-16 transceiver (needs testing and realignment)
- * Heathkit HG-10 external VFO (works fine)

I would like to get on the air on 40 meters, amater band!
would be willing to trade for a 40 meter transceiver or kit! (I like the
small wonder labs 40 meter rig) also open to selling or part money part
trade, (open for suggestions)

72
Charles (KC5DXQ)

Date: Tue, 30 Mar 1999 04:09:02 -0500
From: pmk@juno.com
To: qrp-1@lehigh.edu
Subject: [36864] QRP DVM
Message-ID: <19990330.043931.3438.2.pmk@juno.com>

I received a Micronta 22-195A over 10 years ago for
christmas one year and never used it much the
first few years. I was still using a analog FET meter
as I wasn't used to the digital sampling rate as it
is sooo slow. Also after high school I have always
had a Oscope for tweaking up stuff.

Anyway back to the Micronta meter. I have noticed that I have only put batteries in it 3 times. A few years after I got it , once left in tool box while it was turned on for about 6 months and that was over five years ago (the expiration date on the batteries now are July 94 Duracells) I don't know how many times it gets left on for a few days and no telling how many times left on over night.

It is just one of those tools that one may never think about how good it really is. I never gave it much thought until this morning, there it was just blinking away and the usual (oh SH__) and turned it off. I don't know why but something told me to pop off the battery cover as the batteries are really old. Sure enough I noticed the expiration date on the batteries. Through the years I have had those peskey duracells leak even though the unit the batteries were inn were still working FB.

If you are not familiar with the meter it was the first bench type looking ones Radio Shack sold some years back. I'll have to give it a great rating. It is a great all around meter to have in the shack. If you ever see one at a hamfest I would recommend scooping it up if it could be had for around 30 buks or so. I think they sold new for around a 100 buks new.

72 de Patrick KD4OBQ

AR

<http://www.qsl.net/kd4obq/>
pmk@juno.com for faster service.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 30 Mar 1999 04:39:18 -0500
From: pmk@juno.com
To: qrp-1@lehigh.edu
Subject: [36865] NC/20 progress held up.
Message-ID: <19990330.043931.3438.4.pmk@juno.com>

I don't know about most of you but in the shack
I have a TV that usually stays on all of the time.
Never really look at it much but do listen to it.
It is one of those 5" QRP jobs (full gallon
(yes color)).

Anyway I have started a NC/20 and got held up
this evening by a program that has started about
this century. It started with Charles Lindburg and
then the Saturn program about putting man on
the moon. I am one of those people that is fascinated
with anything to do with aviation. The film footage
was so good I had to turn on the TV in the living room.
There was also some footage that I had never seen
before and was really cool.

I can't remember the name of the program but it
was on ABC.

Hope some of you gent's caught this and it also looks
like it will be a great series this year. There was a lot
of history that happened this century and that makes
it a little scary. It is hard to believe how far man has come
in the last 100 years.

<http://www.qsl.net/kd4obq/>
pmk@juno.com for faster service.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 29 Mar 1999 22:59:57 -0600
From: "KC5DXQ" <cdhamel@pdq.net>
To: "QRP-L Mailing List" <qrp-l@Lehigh.EDU>
Subject: [36866] QRPp
Message-ID: <007701be7a6a\$29e8d780\$984058d8@charles>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The latest issue of QRPP was a Guide on how to put a certain kit together!!
If anybody has this issue! What kit was it about and where can I get this
issue.

I have never picked up a soldering iron, but have 1000% interest and
motivation, in learning how to build kits.

Thanks so much for your help!

Charles(KC5DXQ)

Date: Mon, 29 Mar 1999 23:12:24 -0600 (CST)
From: Adrian Weiss <aweiss@usd.edu>
To: John Burnley <burnley-ia@worldnet.att.net>
Cc: IaQRP-L@divis17.ped-gen.uiowa.edu, qrp-l@lehigh.edu
Subject: [36867] Re: 10 Meters in great shape this weekend
Message-ID: <Pine.SOL.4.03.9903292310060.12444-1000000@sunburst.usd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hey John -- congrats on discovering the JOY of MOBILE QRP!
I have spent many fun hours on long trips doing QRP -- until
I got the Nissan and can't put an antenna on it.

Carry on with the 10m DX. Too bad about teh XYL and spring
cleaning. My XYL has been in CA for 9 days, so I managed
to put up a pair of phased SLV's which are an improvement
over my Zepp! She comes back Sat, so if anyone wants to
hear my blockbuster sig on 30m, better listen fast!

Oh well..... does anyone have an XYL who thininks bunches
of wires and cables look nice?

72, Ade

On Mon, 29 Mar 1999, John Burnley wrote:

> Date: Mon, 29 Mar 1999 00:19:41 -0600
> From: John Burnley <burnley-ia@worldnet.att.net>
> To: IaQRP-L@divis17.ped-gen.uiowa.edu, qrp-l@lehigh.edu
> Subject: 10 Meters in great shape this weekend
>
> As I was preparing to leave for the Iowa QRP
> meeting Saturday morning (a 1 1/2 hour drive
> to Iowa City from Urbandale) I noticed my

> HTX-100 10 meter mobile rig sitting on the shelf.
> So I thought to myself why not? I haven't used the
> rig for several years and it might be fun to see how
> the band (and rig) is faring.
>
> I've never operated mobile very much so some last
> minute engineering was in order. I used a converted CB
> mobile whip (Radio Shack mag-mount). I also needed a
> level space to place the rig. I didn't have a
> piece of plywood small enough (or the time to do some
> creative woodworking) so I used a roofing shingle sample book
> (abandoned by the roofer) resting on a 1 1/2 foot piece of 2 x 2
> wood (at the lowest end) as my operating bench
> (on the passenger seat).
>
> After verifying the SWR was acceptable (with my MFJ 259
> analyzer) I was on the road. Imagine my delight after turning
> on the rig and discovering a major contest! DX was everywhere!
>
> It didn't take long to start logging contacts. I nailed IK8UND and
> EA8ZS right out of the gate. Next came LU1NF, ZS6EZ, and TM1C.
> I was casually operating spending more time watching the road (grin)
> and tuning/listening. I finally came upon UT0ZZ and just could not
> break through the pileup to snag him. So I decided to pull off the road
> for a couple of minutes to concentrate on this one. I took the next exit
> and found a comfortable spot off the main road. As I reached down to
> grab the microphone I noticed the rig was in low power mode. I had
> been operating SSB QRP mobile the whole time! The rig puts out 25
> watts on high power and 5 watts on low power (according to the
> documentation; my OHR WM-1 records slightly higher levels but it is
> definitely under 10 watts SSB....legal QRP). I ended up needing to
> go to 25 watts to break the pileup but I logged him.
>
> I was almost to Iowa City so I powered off the rig. The meeting was
> wonderful
> and a good time was had by all. Several items were brought for show and
> tell
> and the members enjoyed lunch together.
>
> After the meeting I hooked the rig back up and started out of the parking
> lot. I
> worked ZD88A before getting out of the lot. Oops still on high power from
> the
> UT0. I slipped the power back down and had a blast on the way home. I
> added
> HJ3PXA, WP2Z, VK4EMM, VK4IU, KH6ND, T42R, and CE3F all SSB QRP mobile!
>
> It was a good time and I encourage you all to dust off those 10 meter

> mobile rigs and
> start having fun! QRP and 10 meters are a great combination.
>
> 72/73, John
> Urbandale, Iowa
>
>

Date: Mon, 29 Mar 1999 22:25:49 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: qrp-l@lehigh.edu
Subject: [36868] NC-20 AGC mod tip
Message-ID: <19990329.222549.-129711.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

When doing Dave Fifield's AGC mod, this tip will help set the AGC more easily:

Remove R62 (1k) and discard (or save it for the junkbox).

Remove R101 (3.3k) and put it where you just removed R62.

Re-adjust the AGC threshold for 1.40 volts on U4, pin 2. Check the voltage again after the rig warms up for 15-20 minutes.

This little change puts the AGC set pot in the center of its range, and alters the AGC amplifier slightly for more AGC action, as the resistance in the base of Q12 to ground is increased. This allows Q12 to sense a little more of the AGC voltage developed across Q10 / Q11. I'm still doing some tests, but this change may reduce the drift of the AGC voltage set point from a cold start. More on this when I have the data. It works well on the prototype and the final NC20 kit I have.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 29 Mar 1999 22:21:52 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Adrian Weiss <aweiss@usd.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36869] Re: 10 Meters in great shape this weekend
Message-ID: <Pine.SOL.3.96.990329222017.27557B-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 29 Mar 1999, Adrian Weiss wrote:

>
> Oh well..... does anyone have an XYL who thininks bunches
> of wires and cables look nice?
>
> 72, Ade

Sure Ade,

Just hang a few diamonds on 'em..... :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 30 Mar 1999 08:55:03 +0200
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: <ae4ic@nr.infi.net>, "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [36870] AW: Core Banks Expedition
Message-ID: <000c01be7a99\$3f73ef20\$3e4ad3d4@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Hi all,
unfortunately due to some QRL requirements I could not participate, but

although you didn't hear them, my friends of the DL0AQB team have been outdoors. They elected a 2 Element Vertical beam using 10 m long fiberglass masts with helical wound wire supported on 10m Aluminium masts. Phasing line was made by RG58. Location was a camping area 60 km north of Berlin.

The first time they heard W4QRP was at 1:20, loud and clear in QRN situation, but before they could answer, a very heavy thunderstorm appeared. Very soon my friends learned, that you never should forget to ground protect ALL parts of your system. They told me at the phone, they had had some bad voltage at the lines and the rig as well.

The situation was a little bit dangerous, as they told me and they had to take away all Antenna lines from the shack. Later they found out, they did it too late because Receiver frontend was dead now.

All the boys are healthy and swear they will be QRV with a complete protected equipment for the next try :-))

Peter, DL2FI

-----Urspr ngliche Nachricht-----

Von: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] Im Auftrag von Bob Kellogg
Gesendet am: Dienstag, 30. M rz 1999 08:04
An: Low Power Amateur Radio Discussion
Betreff: Core Banks Expedition

Gang,

There will be a full report on this later, but it was a great experience, and we need to recognize the guys who did most of the work!

Many thanks to Paul, AA4XX, Lyn, W4WDN, Don, W3RDF, and John Paul, AB4PP, for the planning and effort put into making the Core Banks Expedition a rousing success.

Many thanks also, to Michael, DF20K, Jan-Olaf, DL6OB0, and Michael, DF50Q, for their important part in the KnightSMiTe experiment. We also appreciate the early help of Peter, DL2FI, and the efforts of DL0AQB, which we, unfortunately, did not hear.

There is a picture at <http://www.pagesz.net/~jwittich> which shows the U.S. group during the attempted KnightSMiTe QSO. The operator is Don, W3RDF. Seated around the table, left to right, are Josh, KF4EAG, Lyn, W4WDN (face barely visible), Don, W3RDF, Paul, AA4XX, John Paul, AB4PP, and Bob, AE4IC. This picture illustrates the tension in the air as we all hunched over the table listening intently for the weak signal from

across the ocean. The same intensity and effort was taking place there.

Again, thanks to the U.S. and German teams who made this such a great project!

72/73,

Bob Kellogg, AE4IC, Greensboro, NC

Prolably, not Nececelery, - Benny Hill

Date: Tue, 30 Mar 1999 07:04:57 -0500
From: Richard Arland <k7sz@epix.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36871] Re: 10 Meters in great shape this weekend
Message-ID: <3700BDE9.FC347AAE@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ron Stark wrote:

>
> On Mon, 29 Mar 1999, Adrian Weiss wrote:
>
> >
> > Oh well..... does anyone have an XYL who thininks bunches
> > of wires and cables look nice?

Actually, Tricia (my better half....and ANYONE who knows me KNOWS she's really is my better half!) is quite fond of my tower, beam, Extended Double Zepp....and, last year for her birthday, I got her a 12 foot TRVO dish and she made a birdbath out of it (the water attenuates the signals a bit on the 21 cm Hydrogen Line, but I didn't have a problem selling her on the idea of putting the dish, er, bird-bath, in the back yard)!

73 Rich K7SZ

Date: Tue, 30 Mar 1999 07:40:19 -0500
From: Scott Howell <whowell@hq.nasa.gov>

To: resmith666@uswest.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36872] Re: question answered regarding advanced info
Message-ID: <3.0.5.32.19990330074019.007e4200@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

the question was whether the chart I had posted asking if the freqs were correct. I got several answers which summed up the fact that the chart showing the freqs available to you when you upgrade to advanced, as being correct.

That was the question and answer.

72/73 de Scott/n3byy
Fists #5030
Laurel MD

Date: Tue, 30 Mar 1999 08:02:55 -0500
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: cdhamel@pdq.net
Cc: qrp-l@lehigh.edu
Subject: [36873] Re: QRPp
Message-ID: <3.0.1.32.19990330080255.00e76d78@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 10:59 PM 3/29/99 -0600, Charles(KC5DXQ)wrote:
>The latest issue of QRPp was a Guide on how to put a certain kit together!!
>If anybody has this issue! What kit was it about and where can I get this
>issue.
I guess I could answer these questions better than anybody!

The (a tad late) Winter Issue of QRPp features the 2N2222 based rig that I designed and built for the NorCal building contest at Dayton last year. A second article featured in that issue is by my friend, Preston Douglas, WJ2V. His 2N2/40 just won a first prize at Atlanticon.

Both articles are about building the 2N2/40, using Mahattan Style construction, or "paddy board", as the Brits call it.

In included in my article are a number of wonderful illustrations of building techniques used, by fellow QRP guru, Paul Harden, NA5N. I did a whole series of part layout patterns as aids in reproducing the design, especially taylored to those who have never build a rig from scratch. And this is a scratch built rig, there is no PC board to stuff parts into.

Those interested in seeing the prototype of the 2N2/40 can see it on my web page at: <http://home.cwix.com/~jokortge@cwix.com/>

Since building the original rig, I've built a second rig using the documentation that is included in the QRPP article, to verify the accuracy of this information. Pictures of that rig, along with the colored layout diagrams will also be posted on my web page after QRPP is mailed. I understand that will be quite soon.

In the meantime, a RIT circuit was designed and added to the rig to make it more useable for FOX hunting, and DX chasing. Pictures of the RIT circuit and board are also posted on my web page. Closeups of the RIT will show the details of constructing equipment using the Manhattan approach.

>I have never picked up a soldering iron, but have 1000% interest and >motivation, in learning how to build kits.
As note before, this is not a kit. I feel it can be built by anyone who has the interest and some patience. But then again, I've been wrong before! :-)

72 all and happy 2N2/40 building.....Jim, K8IQY

Date: Tue, 30 Mar 1999 08:09:18 -0500
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: cdhamel@pdq.net
Cc: qrp-1@lehigh.edu
Subject: [36874] Re: QRPP 000Ps
Message-ID: <3.0.1.32.19990330080918.00e7b194@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 10:59 PM 3/29/99 -0600, Charles(KC5DXQ) wrote:
>The latest issue of QRPP was a Guide on how to put a certain kit together!!
>If anybody has this issue! What kit was it about and where can I get this
>issue.
00000pppps! I should have read more carefully before responding I guess. How embarassing!

The QRPP issue in question is the Fall Issue featuring the Small Wonder Labs SW+ series rigs, and the Elmer 101 tutorial on building, aligning, troubleshooting, etc. that rig.

Paul Harden, NA5N has reprints available I believe, as does Doug Hendricks, KI6DS via annual, bound reprints of each years issues.

Sorry for the earlier reply to this post. As Chuck says, read first, then type!

72.....Jim, K8IQY

Date: Tue, 30 Mar 1999 08:40:55 -0500
From: Bruce T Hopkins <KL7H_C6A@compuserve.com>
To: "INTERNET:qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [36875] Greetings from the Sub Tropics...
Message-ID: <199903300842_MC2-6FF4-52B1@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline
Content-Transfer-Encoding: quoted-printable

Hi Gang...

I finally couldn't stand it without my QRP-1 fix, so I subscribed with my C6A call and am now feeling better after 3 days worth of digests.=

..

Due to the long distance rates here I only do one download a day to a Miami Compuserve number... +3F and snow in Fairbanks this morning when my=

wife called, 80F and sunny here on Staniel Cay Exuma, you decide... =

Sounds like Atlanticon was a great success... I wish I could have attended but the logistics of this trip put me here in the Bahamas too late to make it to Atlanticon, and too early to make it to Dayton... Maybe next year...

My operating time here in C6A land has been somewhat limited due to the work that has to get done on the house during my stay... Both airconditioners are in and operational now so the only major project remaining is to install the backup generator and associated wiring... At=

present I am active only on 10 & 15 meters due to antenna limitations... =

The 4BTV vertical that I intended to install has yet to arrive so I may just put together either a dipole or vertical for 20 meters... My 40

meters dipole is doing well on 15 and 10 with the autotuner but will not match on 20...

Present schedule is to start on 10 meters on or about 28.0615 at 1700z and if no takers within 5 minutes, I move to 21.0615 plus or minus... I then try a schedule on 21.0615 +/- with my XYL Tosh - KL7WW at 2100z and again at 2300z... If I do not hear her I then put out a general call and stay until I run out of takers... I look forward to working as many QRP stations as possible during my stay... I will be here for another two weeks... =

There is a picture of the QTH here as well as a map showing my location on my QSL.Net webpage... When I return to FAI I will add more photos and my log to the page... Please QSL to my Alaska address...

Hey Jim, why don't you come on down until that 4 feet of snow melts.=
..
We could have an Alaskacon planning session and have our XYL's call us when Spring arrives... 8^)

Take care and have fun

Bruce - KL7H/C6A

C6A webpage: <http://www.qsl.net/kl7h>

Date: Tue, 30 Mar 1999 08:53:43 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-l@lehigh.edu
Subject: [36876] Re: Dirth of 6 meter kits
Message-ID: <3700D767.FD27DC2A@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It should be pretty easy to make a 6M CW rig that uses a single frequency crystal oscillator and a direct conversion receiver.--Zack W1VT

Date: Tue, 30 Mar 1999 08:58:10 -0600 (CST)
From: "Jeff Logullo - SE Sun St. Louis" <Jeff.Logullo@Central.Sun.COM>
To: qrp-l@lehigh.edu
Subject: [36877] NC20 AGC mod spells relief!
Message-ID: <199903301502.JAA13156@sunarch2.Central.Sun.COM>
MIME-Version: 1.0
Content-Type: TEXT/plain; charset=us-ascii
Content-MD5: 4LWjE+gmmsEk91JsBPkY3Q==

Strong signals used to feel like someone was smacking the base of my neck with a heavy rubber mallet. This is much nicer! I'm no longer afraid to have the earphones *on* my ears :-)

Date: Tue, 30 Mar 1999 10:03:56 -0500
From: "Ronald Hands" <rhands@hwcen.org>
To: <qrp-l@lehigh.edu>
Subject: [36878] Re: NC/20 progress held up.
Message-ID: <199903301558.KAA28144@james.hwcen.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

pmk@juno.com wrote:

>
> Anyway I have started a NC/20 and got held up
> this evening by a program that has started about
> this century.
> (snip)
> I can't remember the name of the program but it
> was on ABC

It's called The Century, with Peter Jennings. Next two-hour episode is Thursday night, starting at 9 p.m. in this area.

It really was outstanding television (of which there isn't much these days). For the first time, I could really appreciate how much excitement was generated by Lindbergh's flight.

I've had the book, also titled The Century, home from the public library, and it too is a superb production: large format, hundreds of photographs, with clear and incisive text.

ObQRP: Those low-power transmissions from the moon are as remarkable as ever.

-- Ron VE3SP
Hamilton, ON

Date: Tue, 30 Mar 1999 11:44:39 -0500
From: "Ken Simpson" <W8EK@usa.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [36879] TenTec KR-50 Keyer FS
Message-ID: <035401be7acc\$9b1ae260\$e1d4fea9@kensimps>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For Sale:

TenTec KR-50 keyer. Dual paddles built in. 110 V AC,
or 12 V DC operation. Tension adjusts with electromagnet.
Reed relay output will key any rig. Dit and dah memories can
be turned off or on. Full iambic operation.

This one is in great shape, with manual and box.

\$ 75 plus shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-Mail to W8EK@usa.net or W8EK@fdt.net
<http://www.gnv.fdt.net/~kenmar>
Voice Phone (352) 732-8400

Date: Tue, 30 Mar 1999 09:11:31 -0800 (PST)

From: Ted Beach <tedbeach@yahoo.com>
To: qrp1 <qrp-1@lehigh.edu>
Subject: [36880] Atlanticon
Message-ID: <19990330171131.9171.rocketmail@web605.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I will have to add my [belated] thanks to George and all the NJQRP group for a _WONDERFUL_ first-time weekend event! I know I will be looking forward to the second annual event next year.

I was only able to attend Saturday as I had a busy schedule on Friday. But I managed to take in all the talks, the kite launch and retrieval, and the evening show-and-tell. Everything was great!

It was very nice also to have an "eyeball" with the many people I hear on the air and the list. I am an "archive lurker" and don't post very often, so you don't see my call very often on the list -- hopefully, more often on 40 meters!

Again, my thanks to all involved in making a great weekend.

Ted Beach - K4MKX
==
Ted Beach

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 30 Mar 1999 11:11:44 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36881] Re: Metrication for Dummies
Message-ID: <Pine.OSF.4.05.9903301104250.15960-1000000@duke.usask.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Its funny that this thread should come up right after I was listening to someone on the radio describe the Canadian System as SImperial (ie. SI + Imperial) For example I have heard people say things like "For gas mileage my car gets 7 liters/100 KILOmeters so going to <insert place> should take 21 liters since it is 300 kilOmeters away" (capitals denote where the emphasis is placed). I think you are bound to find inconsistencies in any system that real people use everyday.

BTW does anyone know why we say 20 degrees Celcius rather than 20 Celcius.
Is this part of the SI standard or just usage? After all we don't way 20
units Volt.

```
+-----+
| Brian Buydens,           Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca           http://duke.usask.ca/~buydens |
| VE5RDV                                     |
+-----+
| DO NOT ADD ME TO ANY MAILING                                     All wiyht. Rho |
| LISTS WITHOUT MY CONSENT !!!                                   sritched mg kegtops |
|                                                                    awound? |
+-----+
```

Date: Tue, 30 Mar 1999 09:47:16 -0800
From: Danh Le <dle@san-jose.tt.slb.com>
To: qrp-1@Lehigh.EDU
Subject: [36882] Re: NC-20 AGC mod tip
Message-ID: <199903301746.JAA24796@iris.san-jose.tt.slb.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:25 PM 3/29/99 -0700, Gary L Surrency wrote:

>Gang,
>
>When doing Dave Fifield's AGC mod, this tip will help set the AGC more
>easily:
>
>Remove R62 (1k) and discard (or save it for the junkbox).
>
>Remove R101 (3.3k) and put it where you just removed R62.
>
>Re-adjust the AGC threshold for 1.40 volts on U4, pin 2. Check the
>voltage again after the rig warms up for 15-20 minutes.

Just completed the AGC mod (then the mod to the AGC mod) last night.
The receiver is working really well now. I no longer need to keep my
finger near the volume button all the time any more...

Guess will have to open the rig one more time to do this addendum to
the AGC mod tonight since I noticed the voltage drip when the circuit
is warmed up last night.

Just happened to glance at the tray which I use to keep the NC-20 parts removed from my rig after 4 or 5 major mods, there are quite a few parts in there now! At one time I was really concentrating on placing the parts on the board correctly so that the radio would work. I am now slowly removing quite a few parts from this very same board and the radio works better... Definitely amazing...

Thanks guys for all the good mods.

72 de Dan, ke6d

=====
Danh Le, KE6D, Milpitas CA ke6d@arrl.net

Date: Tue, 30 Mar 1999 12:58:40 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: qrp-1@lehigh.edu
Subject: [36883] Re: Metrication for Dummies
Message-ID: <46721.owen@piper.eeel.nist.gov>

In message Tue, 30 Mar 1999 11:11:44 -0600 (CST),
"Brian.Buydens@usask.ca" <buydens@duke.usask.ca> writes:

> BTW does anyone know why we say 20 degrees Celcius rather than 20 Celcius.
> Is this part of the SI standard or just usage? After all we don't way 20
> units Volt.
>
> +-----
> --+ | Brian Buydens,

I think I can help a little here.
To find out more about Metric than you might like to know, just go to our
main site <http://www.nist.gov> click on Measurement & Standards
Laboratories then click metric program
or if you just want a guide to useage, conversion formula etc go to
<http://ts.nist.gov/ts/ktdocs/200/202/metrsty3.htm>
72 Jim K4CGY qrp-1 #72

Date: Tue, 30 Mar 1999 11:28:21 -0700
From: Ken Knecht <kenk@primenet.com>
To: qrp-1@lehigh.edu

Subject: [36884] Possible group buy?
Message-ID: <3.0.6.32.19990330112821.007d06e0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have a K2 coming, hopefully, in a few months. From what I've been reading there are many others in a like situation on the list.

In light of that, I wonder if someone with some connections (which leaves me out) would be interested in arranging a group buy for a Weller soldering station and a roll of suitable name-brand solder. People like me, with only Radio Shack and Harbor Freight available, have to mail order such stuff. Perhaps there are others like me who need a good soldering station anyway to replace our old 15 W Radio Shack irons, and who are concerned that we don't - er - mess up our new K2s, who would also be interested in such a group buy.

72, Ken W9NPP AZ

Date: Tue, 30 Mar 1999 11:35:23 -0700
From: Ken Knecht <kenk@primenet.com>
To: qrp-1@lehigh.edu
Subject: [36885] ResNorCalistor Kits Sold Out!!
Message-ID: <3.0.6.32.19990330113523.007d0e70@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>>Guys, the NorCal Resistor kits have all been sold. I will take a stand by list in case some one backs out, but the kits are all gone. Thanks for your interest. We will be doing caps next. 72, Doug, KI6DS<<

After the caps do toroids. Please!?

Ken W9NPP AZ

Date: Tue, 30 Mar 1999 12:55:42 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, kenk@primenet.com
Subject: [36886] Re: ResNorCalistor Kits Sold Out!!
Message-ID: <199903301857.MAA11199@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I assume Amidon still sells assortments. Several years back I bought a box from them and everytime I need something it is in the assortment. This was much cheaper than the per piece price. I think the set I bought also came with a huge spool of magnet wire.
73 Bryan W8LN

> After the caps do toroids. Please!?
>

Date: Tue, 30 Mar 1999 13:17:29 -0800
From: Charles Kadesch <chas@digizen.net>
To: qrp-1@lehigh.edu
Subject: [36887] Atlanticon / Timonium HF
Message-ID: <37013F69.2E9D@digizen.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Kudos to the NJ QRP Club and all the speakers and attendees for a truly excellent QRP Forum. I managed to catch most of the presentations and still make a fast pass thru the Hamfest. At the fest I found a few bargains including a working BC312N WW-II Army receiver, and some Kevlar antenna support rope. I had to leave the Forum early to attend a family birthday party, but it was a real treat to see the big kite flying as I drove down I-83 past the motel and watching other drivers rubber-necking the sight. A very busy but most pleasant day.
-72 de Chas W3KC-

Date: Tue, 30 Mar 1999 14:08:46 -0500
From: wgabriel@dukeengineering.com
To: qrp-1@Lehigh.EDU
Subject: [36888] Toroid Assortments
Message-ID: <85256744.0068F26F.00@dpinet01.dukepower.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

In the past Dan's Small Parts has had some good assortments put together for toroids. Check out his website.

But what I usually do is just order groups of 3 (or 10, or 12, etc) of the most used types to get a price break. You can look at past NorCal/QRPP designs, popular kits, or some of the DeMaw books to see which toroid types are the most used. I put together a list some time ago for some of my ordering, but darn if I would know where it is now! Best to make your own list based on what you build anyway.

For what it is worth....Watson/WB4EXW

Date: Tue, 30 Mar 1999 11:03:20 -0800
From: "Radman" <radman@best.com>
To: <kenk@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36889] Re: Possible group buy?
Message-ID: <199903301901.LAA21076@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Ken et al,

For a Weller soldering station at a great price try
Wassco.
URL: <http://www.wassco.com/was/wtconoutstat1.html>

They offer the "WTCPT" station complete with 700 deg F
tip, stand, sponge, etc.
Order Number: BB-02-18798
Sale Price: \$79.95

You can order by phone: 619-679-8787

You might check around and see if a "group buy" will beat
this price. OR... someone may wish to inquire of Wassco if
they'll entertain a "group buy." My feeling is there is
probably *not* a lot of "wiggle room" in this price --
it's pretty low :-) :-)

Disclaimer: I'm not related to Wassco or Elecraft... BUT,
I did successfully build a K2 with a Weller solder

station. I recommend them.

GL es -- 72 -- Conrad Weiss - NN6CW

I have a K2 coming, hopefully, in a few months. From what I've been reading there are many others in a like situation on the list.

In light of that, I wonder if someone with some connections (which leaves me out) would be interested in arranging a group buy for a Weller soldering station and a roll of suitable name-brand solder. People like me, with only Radio Shack and Harbor Freight available, have to mail order such stuff. Perhaps there are others like me who need a good soldering station anyway to replace our old 15 W Radio Shack irons, and who are concerned that we don't - er - mess up our new K2s, who would also be interested in such a group buy.

72, Ken W9NPP AZ

Date: Tue, 30 Mar 1999 13:42:47 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-l@Lehigh.EDU
Subject: [36890] Toroid Assortments
Message-ID: <199903301944.NAA11712@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I checked out the Amidon web page.
<http://www.bytemark.com/amidon/>

They have several experimenter kits. If a ham purchased a couple of these kits they would be covered for most projects, except for ones needing a large number of a single type.

I agree with a previous post. One way to come up with an assortment would be to count all of the cores used in a DeMaw book. (Maybe Amidon will offer an assortment geared specifically to the QRP home brewer.)

I think I bought either Kit 2 or Kit 3 (it's been a while since I ordered) to start my parts supply, and supplemented the kit by ordering extras of the cores that cropped up in most in a De Maw book.

It can be pricey to build up a core supply, but it is better to bite the bullet and do it at one time. In the long run, shipping on individual parts can really mount if you don't live in an area with a supply of quality parts.

73 Bryan W8LN

Date: Tue, 30 Mar 1999 14:20:20 -0600 (EST)
From: Jim Glover <psykey@okcforum.org>
To: qrp-1@lehigh.edu
Cc: okcham@okcforum.org
Subject: [36891] homebrew: RG-174 ? ...or not?
Message-ID: <199903302020.0AA14734@okcforum.org>
Content-Type: text

Hi, everyone!

I'd planned to use a short section of RG-174 to get from the antenna connector to the PCB in the Pixie2 I'm building. My trip to RS was futile, however, as they seem to no longer stock the RG-174. I'd rather not have to order it just to stick an inch in my current project. So, I thought I'd ask...

Anyone have any suggestions about where to find RG-174, or alternatives?

How long of a run is "too long" not to use RG-174? Obviously, if the back of the connector were right up against the PCB, I could just solder two short pieces of wire in place. What if the distance between them is...an inch? two inches? How long is too long to just use hookup wire instead?

--Jim WB5UDE

Date: Tue, 30 Mar 1999 12:41:15 -0800
From: "Radman" <radman@best.com>
To: <psykey@okcforum.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36892] Re: homebrew: RG-174 ? ...or not?

Message-ID: <199903302038.MAA22175@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim et al,

Dan's Small Parts offers a 6 ft piece of RG-174 for \$1.00.
OR... 3 - 6 ft pieces for \$1.50. Pretty handy to have
around the shack :-)

Dan's Small Parts and Kits
Box 3634
Missoula, Montana 59806-3634
Phone or Fax: 406 258 2782

URL: <http://www.fix.net/jparker/dans.html>

Jim, I don't know the Pixie, but as a general comment I've
often run 2" from a PC board to a coax connector with
bare wire. That's very common.

GL - 72 - Conrad - NN6CW

I'd planned to use a short section of RG-174 to get from
the antenna connector to the PCB in the Pixie2 I'm
building. My trip to RS was futile, however, as they seem
to no longer stock the RG-174. I'd rather not have to
order it just to stick an inch in my current project. So,
I thought I'd ask...

Anyone have any suggestions about where to find RG-174, or
alternatives?

How long of a run is "too long" not to use RG-174?
Obviously, if the back of the connector were right up
against the PCB, I could just solder two short pieces of
wire in place. What if the distance between them is...an
inch? two inches? How long is too long to just use
hookup wire instead?

--Jim WB5UDE

Date: Tue, 30 Mar 1999 15:45:56 +0000
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [36893] Re: Possible group buy?
Message-ID: <3700F1B4.37BC1E02@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

kenk@primenet.com wrote:

>

> I have a K2 coming, hopefully, in a few months. From what I've been reading
> there are many others in a like situation on the list.

Me too!

I was dithering between waiting for a K2 kit and just buying something like an IC-706 MKII, but the 706 is not a CW rig, and I will be able to fix my own K2 if anything ever goes wrong. Not to mention the low power consumption of the K2.

> In light of that, I wonder if someone with some connections (which leaves
> me out) would be interested in arranging a group buy for a Weller soldering
> station and a roll of suitable name-brand solder. People like me, with only
> Radio Shack and Harbor Freight available, have to mail order such stuff.
> Perhaps there are others like me who need a good soldering station anyway
> to replace our old 15 W Radio Shack irons, and who are concerned that we
> don't - er - mess up our new K2s, who would also be interested in such a
> group buy.

While the idea is good, you will be hard pressed to beat the deal at Wassco on the WTCPT controlled temp soldering iron;
<http://www.wassco.com/was/wtconoutstat.html>

Don't worry, you simply cannot do better on a new iron for building and repair for low dollars.
I have used \$2000+ Pace soldering stations and while they were nicer to use I would not buy one for myself. I did buy the WTCPT.

While you are at Wassco, get a roll of Kester "245", Alloy SN63PB37, "No Clean".
This is great solder for building or working on 'clean' connections. It works great and doesn't need to be defluxed.

For rework on parts with advanced age and corrosion a more active flux is helpful
but that you could just buy in a bottle.

Another thing that is handy is the tip tinner and cleaner 'cat no. 64-020' from Radio Shack.
I just stuck mine to the iron holder of my WTCPT. It is a fast and easy way to get
a good even tin on the tip.

Last word I got was end of April for shipping of K2s.
Waiting is.

michael N6CHV

Date: Tue, 30 Mar 1999 14:57:26 -0600 (EST)
From: Jim Glover <psykey@okcforum.org>
To: qrp-1@lehigh.edu
Cc: okcham@okcforum.org
Subject: [36894] Knob for odd fitting
Message-ID: <199903302057.0AA15678@okcforum.org>
Content-Type: text

In my Pixie2, I'm planning the RIT/XIT mod. I found a 60pf air variable at DW Electronics here in Oklahoma City
<http://www.elec-candystore.com/>
The thing is, it has an odd shaft. It seems to be made for set-once-and-forget-it use, using either a screwdriver, or a nutdriver/socket or something. It appears to consist of an inner round shaft with a screwdriver slot in it, surrounded by a hex nut. However, the "nut" part won't come off. (I had thought I'd remove the "nut" part and be left with a round shaft, but it looks like I'm stuck with the "nut".)

Does anyone have any suggestions about how I can get a knob on this thing?

--Jim WB5UDE

Date: Tue, 30 Mar 1999 13:14:13 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Ken Knecht <ken@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36895] Re: Possible group buy?

Message-ID: <Pine.SOL.3.96.990330104941.3738A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ken and all,

Just FWIW....

The 1999 Hosfelt catalog shows the Weller WLC100
variable output soldering station for \$36.75.

No connection with Hosfelt other than as a customer.

Toll free number is: 800-524-6464

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 30 Mar 1999 16:30:22 -0500
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: qrp-l@lehigh.edu
Subject: [36896] Re: NorCal Resistor Kits Sold Out!!
Message-ID: <3.0.1.32.19990330163022.00e7eca4@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 11:35 AM 3/30/99 -0700, Ken W9NPP wrote:

>>>Guys, We will be doing caps next. 72, Doug, KI6DS<<

>

>After the caps do toroids. Please!?

>

And after toroids, how about capacitive trimmers. 25 of each in
standard values e.g. 3-30pF, 5-50pF, 7-70pF, and 9-90pF. Those
are nominal values, but anything close to those values are very
useful and the heart of most building from 80 meters through 6
meters.

Just my \$.02, 72, and thanks.....Jim, K8IQY

Date: Tue, 30 Mar 1999 11:42:03 EST
From: SKIPNC90@aol.com
To: qrp-1@lehigh.edu
Subject: [36897] FS: Norcal paddle kit SOLD
Message-ID: <78a76503.3700fedb@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 99-03-28 22:50:20 EST, SKIPNC90@aol.com writes:

The paddle kits are sold in 5 minutes.
I had 2 kits and they both went.

Wish I had more, Thanks for all the
replies. If by some strange chance one
of them back out I will keep a list and the
next person will get them.

73, Skip Davis NC90

Date: Tue, 30 Mar 1999 17:12:43 -0500
From: "Harry T. Hurst" <hhurst@delaware.infi.net>
To: <turnerw@email.uah.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36898] Re: Toroid Assortments
Message-ID: <002601be7afa\$70246a80\$950d010a@wil-support1.WILMINGTON.GCI>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dan's has an assortment of 50 toroids that looks pretty good.
I think it's \$13.95, includes T37, T50, T68-2 & 6, T37-43 & a few others.

The trouble with Dan's is trying to stop listing what you want. Too many
bargains!

Date: Tue, 30 Mar 1999 14:42:07 -0800
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-1@lehigh.edu
Subject: [36899] Trade for Silver Mica capacitors?
Message-ID: <3701533E.3408@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am going through the mods (AB7MY) for the SW40+/Elmer 101 rig in advance of building it, gathering all parts for the 'Blueprinting' process as it is being built. I have found sources (Mouser and Digikey) for all parts now except for Silver Mica capacitors. I need a 105pF SM cap and would actually like to get a wide assortment for messing with output networks, VFO range, etc. I have for trade a few air variable capacitors, some with shafts, others with screwdriver adjust. These (likely)rare items may be interesting trading stock and should be out there being used instead of being in my 60s vintage junk stock.

Construction of this radio, being done Trail-Friendly Radio style, will likely not quite be concluded by July (see below) but I plan to place pictures of it and my approach to TFR ergonomics on my web page. I learned a few things operating from a sleeping bag last fall...and have done control panels professionally for power plants and other such things.

Other comments: the Amidon RFI kits come with lots of goodies, including several toroidal cores. It is worth the money. (QRO types: Be sure to add a HUGE toroidal core to your order for keeping RF out of computer loggers etc. It solved my QRO contesting problems and worth every cent of the \$8 price tag.)

A beacon from Buenos Aires was booming in earlier today on 10m. Power was 2W. It was the only signal I could hear on the cw segment, though (28045 is NOT the regular spot for beacons). Apparently only trans-equatorial propagation today.

I have no confirmed partners for either QRPTTF or for the 10-day Yosemite backpack event (July 23/24 - Aug 1, including Flight of the Bumblebees). Just maybes for both. And close only counts in horseshoes (Hi Ed). Grandma won't let grandpa go alone anymore.

Thanks for your time and 73!

Allan K7GT

--

```

                                     |
                                   /|
                                 /  |
Allan Taylor, PE  K7GT           | /Z | \   http://www.qsl.net/k7gt
    k7gt@arrl.net              /| /599| \   QRP-L 1016 FISTS 3222
    grid CM97aq  Pleasanton CA  /_ | /____|__ \_  ARS 228    10X 69929
... "QRP, QRO, or barefoot...".. [\--=====~/  DXCC 8171/CW 1395/40m
(QRO)
~~~~~
-----
```

Date: Tue, 30 Mar 1999 14:48:41 +0000
From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [36900] QRP forum
Message-ID: <3700E449.DA19C25@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have put up an online forum at:
<http://emtech.steadynet.com/forum/bforum.mv>

I call it a QRP forum, but it does not have to be limited to QRP. The purpose is to promote QRP, and to help foster the Elmer'ing need of the Ham community in general.

I don't intend for it to replace the QRP-l list! Those people who are Juno or have limited online time are better off with a list.

If you do visit the forum, please also visit this one to compare the differences (I can set it up either way):
<http://kjv.com/bboard/bboard.mv>

The QRP forum is searchable while the other one is not. The QRP forum requires you to sign in, while the other one does not. You can bookmark the forum after you have signed in and then you won't have to remember or type in the password.

Please, tell me which format would be of best use to everybody.

Thanks!

--

Scott Gregson - KC7MAS

emtech@steadynet.com
http://emtech.steadynet.com
++++
Scott Gregson Co. / Emtech / CFC
1127 Poindexter Ave W
Bremerton, WA 98312

Date: Tue, 30 Mar 1999 17:26:18 -0500
From: John Levreault <jlevro@mediaone.net>
To: turnerw@email.uah.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36901] Re: Toroid Assortments
Message-ID: <37014F8A.F753AA5A@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bryan Turner wrote:

> I checked out the Amidon web page.
> <http://www.bytemark.com/amidon/>
>
> They have several experimenter kits. If a ham purchased a couple of
> these kits they would be covered for most projects, except for ones
> needing a large number of a single type.

Also, check out Dan's Small Parts. He occasionally has specials on toroids. I bought a dozen pieces each of the T37-6, T37-2, T50-6, and T50-2, which should be a lifetime supply for QRP projects.

John nb1i

Date: Tue, 30 Mar 1999 18:08:08 -0500
From: Steve <smann@advi.net>
To: buydens@duke.usask.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36902] Re: Metrication for Dummies
Message-ID: <37015958.D11@advi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Brian.Buydens@usask.ca wrote:

> BTW does anyone know why we say 20 degrees Celcius rather than 20 Celcius.
> Is this part of the SI standard or just usage? After all we don't way 20
> units Volt.

Interesting question! I've never thought about it!

However the SI standard for thermodynamic temperature is the kelvin, K,
not
a degree kelvin, just kelvin.

Steve, N4EY
Toast, NC

Date: Tue, 30 Mar 1999 23:14:11 -0800
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [36903] 10m Foxhunt....
Message-ID: <199903302314.RAA13271@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I trust that everyone has not forgotten Chuck's Summer 10M Foxhunt
which is running now...

Started May 9, 1998 and runs til August 31, 1999....

Rules version 1.1 June 9, 1998.....

Larry KA5T

Date: Tue, 30 Mar 1999 18:34:25 -0800
From: "D. Hammond" <wdp@kconline.com>
To: kb8tnq@voyager.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36904] Re: Unknown Paddles

Message-ID: <370189B1.772495A1@kconline.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Have you been to Vibroplex Company Web page?
They have a section there to check the serial ###
and gives birthdates of keys they have sold.
Hope this helps you.

J. Ervin Bates, W8ERV wrote:

>
> Hope someone can help, but I recently purchased a brass racer (with a twist)!
> Under the brass base of the paddles, there is a small circuit board and a
> small thumb wheel sticks out for adjustment. I understand that this is a
> keyer and it works nicely!
>
> This is, of course, a Vibroplex and the serial number is 04138. If anyone can
> tell me about this.....i.e; the model number, when manufactured and sold,
> etc., I would appreciate it. Also any idea on the original price would be
> helpful.
>
> Many thanks,
> Erv W8ERV

--

Dwight Hammond, Radio WC5W, Macy, IN.
<http://www.qsl.net/wc5w/>
QRP-L#1825 CQC#583 QRP-ARCI#9887 AK/QRP#466

Date: Tue, 30 Mar 1999 18:36:21 -0800
From: "D. Hammond" <wdp@kconline.com>
To: kb8tnq@voyager.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36905] Re: Unknown Paddles
Message-ID: <37018A25.CE061F1A@kconline.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry I forgot to add the URL!
VibroPlex Co.
<http://www.vibroplex.com/index.htm>

J. Ervin Bates, W8ERV wrote:

>
> Hope someone can help, but I recently purchased a brass racer (with a twist)!
> Under the brass base of the paddles, there is a small circuit board and a
> small thumb wheel sticks out for adjustment. I understand that this is a
> keyer and it works nicely!
>
> This is, of course, a Vibroplex and the serial number is 04138. If anyone can
> tell me about this.....i.e; the model number, when manufactured and sold,
> etc., I would appreciate it. Also any idea on the original price would be
> helpful.
>
> Many thanks,
> Erv W8ERV

--

Dwight Hammond, Radio WC5W, Macy, IN.
<http://www.qsl.net/wc5w/>
QRP-L#1825 CQC#583 QRP-ARCI#9887 AK/QRP#466

Date: Wed, 31 Mar 1999 01:35:24 +0200
From: hw.merz@t-online.de (Hanns W. Merz)
To: qrp-l@lehigh.edu
Subject: [36906] Re: Curtis IC
Message-ID: <m10S82W-0003EQC@fwd06.btx.dtag.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT
Content-Transfer-Encoding: 8BIT

Charles,

If there is no other way to get the chip here is an European address:
Chris G3TUX of the British "QRP Components Company" has the Curtis IC usually in
stock. He is a member of the list and his e-mail address is g3tux@compuserve.com

Hope you will be successful!
72 de
Hanns DK9NL

Chuckee wrote:

> Just recently found a Deluxe Mini-Keyer Kit from Tejas Kits, the only
> problem is the Curtis Keyer IC does not come with the kit!! If anybody
> knows where I can get this part please let me know!!
>

> This will be my first attempt at building a kit!!
>
> Thanks
>
> 72
>
> Charles (KC5DXQ)
>

Date: Tue, 30 Mar 1999 18:45:22 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrpl_Submit (E-mail)" <qrpl-1@Lehigh.EDU>
Subject: [36907] North Georgia QRP Meeting set for April 3rd 11AM-2PM at TechAmerica in Metro Atlanta,GA
Message-ID: <21E06269B00ED111BE9B00805F6D0FA3773297@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

The North Georgia QRP club (NOGA) will be holding our next BI-monthly meeting on April 3rd, 1999 from 11AM to 2 PM at TechAmerica store on 5600 Buford Hwy (just outside I-285), Doraville, GA 770-936-7080 (MetroAtlanta).

We plan to have a working K2 for demo as well as other homebrew items for discussion.

Visitors are welcome to this very informal gathering. Bring your show and tell items and be prepared to have a fun time.

For more information visit our WEB page or review our last meeting minutes below:

NOGA WEB page: <http://www.america.net/~w4qo/nogaqrp.html>

Last NOGA minutes: <http://www.mindspring.com/~ae4gx/>

Sam Billingsley AE4GX Atlanta, GA North Georgia QRP (NOGA)

Date: Tue, 30 Mar 1999 16:51:06 -0700

From: Bob Hightower <ki7mn@extremezone.com>
To: MichaelN@cycat.com
Cc: qrp-1@lehigh.edu
Subject: [36908] Re: Possible group buy?
Message-ID: <199903302349.QAA16594@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:45 PM 3/30/99 +0000, you wrote:

>I was dithering between waiting for a K2 kit and just buying something
>like an IC-706 MKII, but the 706 is not a CW rig, and I will be able to
>fix my own K2 if anything ever goes wrong. Not to mention the low
>power consumption of the K2.
>

What? That's all I used for FYBO, and will use for QTTF. Definitely does a
good job on CW, with the included filtering and DSP units. I've got a K2 on
order as well, but don't have any complaints about the 706 and CW at all.
72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Tue, 30 Mar 1999 18:49:33 -0500
From: Michael Maiorana <mikemo@ibm.net>
To: qrp <qrp-1@Lehigh.EDU>
Subject: [36909] hp48G/GX resistor program
Message-ID: <3701630D.34696A1E@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This is in honor of the Norcal Resistor Kit ;-)

I have a program that I wrote some 5 years ago that runs on the HP 48
G/GX series calculators. It uses a very interesting algorithm that finds
the best fit 1% resistor values for a ratio. Since it is not an
iterative "guess" type program, it is very fast. The program takes just
over 2k of memory (qrp?) and computes the following.

- 1) Closest 1% resistor value
- 2) Best fit 1% resistors for a given voltage divider
- 3) Best fit 1% resistors for an inverting opamp
- 4) Best fit 1% resistors for a non-inverting opamp
- 5) Best fit 1% resistors for a given ratio

The above functions return the best fit resistors along with the error and %error. This is a VERY handy tool for the electronics designer, and a real time saver.

Just say you have an 8 volt reference, and you need 1.024 volts reference. Plug the numbers in and it spits out:

```
R1 = 37.4
R2 = 5.49
vout actual = 1.0241492189
%error = -.0014571946
```

Notice R1 and R2 are standard 1% resistor values. With these values your voltage divider output is just about dead on (within the tolerance of the resistors). Cool, huh? Try figuring that out by hand ;-)

If you would like a copy, just send me an email and I'll send it to you.

If you want the source I can give you that too, but....

I wrote the computational loop in system-rpl, the internal HP calculator language. Unlike the user level programming, sys-rpl is not very "clear" to read. You also need a sys-rpl compiler to compile the library. It is fast though ;-)

Standard disclaimers, no warranty, no liability, you are on your own, no support, etc.

Anyway, my gift to the EE's of the world.

72 de ku4qo

Mike Maiorana, Palm Harbor, FL

End of QRP-L Digest 1411
